

From: [Debra M. Butchart](#)
To: [BR](#)
Subject: Bridge Advertisement (DSI 25-048) Updated Galvanized Bolt Specs
Date: Wednesday, May 13, 2026 10:07:11 AM

The [EPG](#), [Bridge Standard Drawings](#), [CADD cells](#), and [Missouri Standard Specifications](#) have been updated as described below:

Implementation Statement: Specifications are effective for all jobs in July 2026 letting and later

(The Implementation Statement is a recommendation by the Development Section. The SPM is responsible for the level of implementation for any particular job.)

Revision Date	Items Revised	Description of Change
May 2026	EPG: 614, 712, 751.36.4.1, 751.50, 901.18.1, 902.28.1.1, 903.22.1.1, 1023.2.4, 1040.2	Updated EPG, Std Specs, Bridge Standard Drawings, and CADD cell for galvanization specification changes and galvanization process clarification for structural steel.
	Bridge Standard Drawings: BRG; S_DRA; TEMP1; TTR04	<p>Galvanized bolts, nuts and washers: Fabricators and inspectors have recommended specifying hot-dip galvanized bolts, nuts and washers in accordance with ASTM F2329 instead of AASHTO M232 (ASTM A153). AASHTO M232 (A153), Class C was technically replaced by ASTM F2329 in 2005, but MoDOT has been slow to adopt. Some specifications (e.g., guardrail) will continue to use AASHTO M232 (ASTM A153) because there are internal processes that test galvanization by weight and are not covered by ASTM F2329.</p> <p>Mechanically galvanized bolt specs were updated in some areas that were not clear, and because AASHTO M 298 material specification was discontinued and replaced by ASTM B695. Language has been added to clarify that galvanized bolts (hot-dip or mechanical) are required for all non-weathered structural steel fabrication. Language has been added to ensure that hot-dip galvanized bolts are used with galvanized structural steel. Mechanically galvanized bolts are not allowed.</p> <p>Galvanized metal: Galvanization process is clarified to ensure adequate surface preparation prior to galvanization.</p>
	MicroStation Cells: PICHSCG	
	Std. Specifications: 614, 901, 902, 903, 1023, 1040, 1052, 1080, and 1081	
	Standard Plans: NA	
	Bridge Special Provisions: NA	

Follow links above for more information (internal only).

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